

**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

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Attention: DO/EO/US

Docket No.: 0001877USU/2215  
Customer No.: 27623

Dear Sir:

Transmitted herewith for filing is the patent application of

Applicant(s): **Takao ITO, Hitoshi EMI, Yoshio OTANI,  
and Norikazu NAMIKI**

For: **APPARATUS FOR SEPARATING GAS INTO GAS  
COMPONENTS USING IONIZATION**

International Application No.: **PCT/JP03/03730**

International Filing Date: **26 MARCH 2003**

**ENTERING OF U.S. NATIONAL STAGE UNDER 35 U.S.C. §371**

Transmitted herewith for filing are the following documents submitted under 37 C.F.R. §1.495(b) for the purpose of entering the national stage in the United States of America as an elected office. Enclosed are:

<u>XXXX</u>	Specification and Claims with Declaration;
<u>      </u>	Specification and Claims <i>without</i> Declaration;
<u>XXXX</u>	<u>  7  </u> sheet of drawings;
<u>XXXX</u>	Preliminary Amendment;
<u>XXXX</u>	An Assignment of the invention to: <b><u>DAI-DAN CO., LTD.</u></b> including \$40.00 recordation fee and recordation cover sheet;
<u>XXXX</u>	Information Disclosure Statement with copies of patent(s) (Form - PTO-1449);
<u>      </u>	The undersigned attorney has verified that the applicant is entitled to a Small Entity Status;

**XXXX** Priority of application Serial No. PCT/JP03/03730 filed on **26 MARCH 2003**; and application No. **2002-258991** filed on **4 SEPTEMBER 2002** in **JAPAN**; and application no. **2002-093122** filed on **28 MARCH 2002** in **JAPAN** is claimed under 35 U.S.C. §119 and 35 U.S.C. §365;

**XXXX** Cover page of published PCT Publication No. **WO 03/082443**;

**XXXX** Copy of International Preliminary Examination dated **12 FEBRUARY 2004**;

\_\_\_\_\_ Copy of PCT Demand Under Article 31; and

**XXXX** Copy of International Search Report dated: **4 SEPTEMBER 2003**;

\_\_\_\_\_ Copy of Written Opinion.

\_\_\_\_\_ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith.

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$730/\$770/\$920/ \$1,080/\$100
Total Claims	16 - 20 =	0	x \$18.00	- 0 -
Independent Claims	1 - 3 =	0	x \$86.00	- 0 -
Multiple Dependent Claim Fee		x \$290.00 = - 0 -		
<b>TOTAL FILING FEE</b>		<b>\$920.00</b>		
1/2 FILING FEE FOR SMALL ENTITY		N/A		

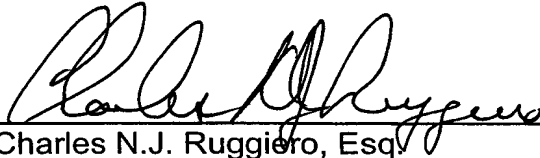
**XXXX** Firm's check in the amount of \$ **960.00** is enclosed in payment of the Filing Fee (\$920) and Assignment Recordal Fee (\$40);

**XXXX** The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to:  
**Deposit Account No. 01-0467.**  
A duplicate copy of this Form is enclosed.

**XXXX** Postcard.

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Dated: September 28, 2004



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**CERTIFICATE OF EXPRESS MAILING**

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Luanne Kwon  
(Typed name of person mailing paper)

  
(Signature of person mailing paper)